

CLAIM AMENDMENTS

sub. 61 1. (Currently Amended) A method comprising:
positioning a plurality of wireless tags around a facility;
providing a sensor associated with a user, said sensor to sense the tags to
determine the position of the a user in the facility;
providing the position information to a server;
wirelessly linking a plurality of shopping carts within a retail facility through a
local area network based in the retail facility using said server; and
enabling the carts to communicate with one another through said [[the]] network.

2. (Canceled)

sub. 62 3. (Currently Amended) The method of claim 1 including providing a processor-
based device on a shopping cart to retail customers that wirelessly communicates with a [[said]]
server.

4. 3 (Previously Presented) The method of claim 1 including pushing information to
the cart depending on the cart's current location.

5. 4 (Original) The method of claim 1 including providing a plurality of sensors
associated with the user, each sensor to sense the tags to determine the position of the user in the
facility.

6. 5 (Original) The method of claim 1 including providing said sensor on a shopping
cart.

7. 6 (Original) The method of claim 1 including receiving identifying information
from each of a plurality of wireless tags.

Application No. 09/904,236
Amendment dated September 30, 2003
Reply to Office Action of July 29, 2003

~~8.~~⁷ (Original) The method of claim ~~7~~⁶ including providing said information from said wireless tags to a server.

~~9.~~⁸ (Original) The method of claim ~~7~~⁶ including using said information from said wireless tags to determine the current location of the user.

10. (Canceled)

sub.G3
11. (Currently Amended) An article comprising a medium storing instructions that, if executed, enable a processor-based system to:
receive information from a plurality of wireless tags distributed about a facility;
analyze information from the tags to determine the current location of a user;
wirelessly link a plurality of shopping carts within the retail facility through a local area network based in the retail facility; and
enable the carts to exchange information among the carts through said network.

12. (Canceled)

13. ~~11~~¹⁰ (Previously Presented) The article of claim ~~11~~¹⁰ further storing instructions that enable the processor-based system to provide information about the current location of a processor-based device associated with a cart.

14. ~~12~~¹¹ (Original) The article of ~~13~~¹¹ further storing instructions that enable the processor-based system to determine the cart's location.

15. ~~13~~¹² (Original) The article of claim ~~14~~¹² further storing instructions that enable the processor-based system to push information to a cart depending on the cart's current location.

~~16~~¹⁴ (Previously Presented) The article of claim ~~11~~¹⁰ further storing instructions that enable the processor-based system to receive information from a plurality of sensors associated with the user, and extract position information from a plurality of tags sensed by each of the plurality of sensors to determine the position of the user.

~~17~~¹⁵ (Original) The article of claim ~~11~~¹⁰ further storing instructions that enable the processor-based system to receive identifying information from each of a plurality of wireless tags.

~~18~~¹⁶ (Original) The article of claim ~~17~~¹⁵ further storing instructions that enable the processor-based system to provide said information from said wireless tags to a server.

~~19~~¹⁷ (Original) The article of claim ~~17~~¹⁵ further storing instructions that enable the processor-based system to use the information from the wireless tags to determine the current location of the user.

20. (Canceled)

~~21~~¹⁹ (Previously Presented) A system comprising:

a plurality of wireless tags;

a wireless sensor associated with a user;

a processor associatable with a user; and

a storage coupled to said processor to determine the user's current position based on information from said tags, and, to wirelessly link a plurality of shopping carts within a retail facility through a local area network based in the retail facility and enable the carts to exchange information between themselves through said network.

~~22~~²⁰ (Original) The system of claim ~~21~~¹⁹ further including a wireless transceiver.

~~23~~²¹ (Original) The system of claim ~~21~~¹⁹ further including an interface to enable network communications.

~~24~~²² (Original) The system of claim ~~21~~¹⁹ wherein each of said wireless tags provides an identifying code to said wireless sensor.

~~25~~²³ (Original) The system of claim ~~21~~¹⁹ including a plurality of wireless sensors associated with the user.

~~26~~²⁴ (Original) The system of claim ~~21~~¹⁹ including a shopping cart, said wireless sensor and said processor mounted on said shopping cart.

~~27~~²⁵ (Original) The system of claim ~~21~~¹⁹ including a wireless interface to communicate with a network.

~~28~~²⁶ (Original) The system of claim ~~27~~²⁵ wherein said processor forwards information from said tags through said wireless interface to said network.

~~29~~²⁷ (Original) The system of claim ~~21~~¹⁹ including a server coupled to said network, said server receiving position identifying information from said sensor and providing advertising information to said processor.

[30. (Cancelled)

~~31~~⁹ (Previously Presented) The method of claim 1 including providing a route from the user's current position to a requested destination within said facility.

~~32~~¹⁸ (Previously Presented) The article of claim ~~11~~¹⁰ storing instructions that enable the processor based system to provide information about the route traveled from the user's current position to a requested destination.